



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TECK H. HU  
JUNG-TAO LIU

Serial No.: 10/612,438

Filed: 7/2/2003

For: ALLOCATION OF POWER AND  
CHANNELIZATION CODES FOR DATA  
TRANSFERS

Group Art Unit: 2661

Examiner: Unknown

Atty. Dkt. No.: 2100.000800/SFD

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**CERTIFICATE OF MAILING 37 CFR 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 27, 2004.

*Yolanda Murillo*  
Yolanda Murillo

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

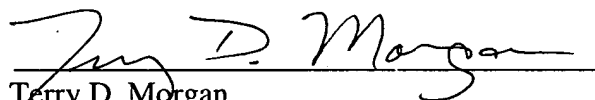
In accordance with 37 C.F.R §§ 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made, and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).



The present Information Disclosure Statement is being filed within three months of the filing date of this patent application or prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Director is hereby authorized to deduct said fees from Williams, Morgan & Amerson, P.C., Deposit Account No. 50-0786/2100.000800/SFD.

Applicants respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

  
Terry D. Morgan  
Reg. No. 31,181

WILLIAMS, MORGAN & AMERSON  
CUSTOMER NUMBER: 23720

Attorney for Applicants

10333 Richmond Dr., Suite 1100  
Houston, Texas 77042  
(713) 934-7000

Date: January 27, 2004

Form PTO-1449 (modified)

Atty. Docket No.  
2100.000800/SFDSerial No.  
10/612,438

List of Patents and Publications for Applicant's

Applicant  
TECK H. HU ET AL.

INFORMATION DISCLOSURE STATEMENT

Filing Date:  
JULY 2, 2003Group:  
2661

(Use several sheets if necessary)

U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
See Page 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1						
	A2						
	A3						

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						
	B2						
	B3						

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	David N. C. Tse <i>et al.</i> , "Multiaccess Fading Channels-Part I: Polymatroid Structure, Optimal Resource Allocation and Throughput Capacities," <i>IEEE Transactions on Information Theory</i> , Vol. 44, No. 7, pp. 2796-2815 (November 1998).
	C2	R. Knopp, "Information Capacity and Power Control in Single-Cell Multiuser Communications," <i>IEEE</i> , pp. 331-335 (1995).
	C3	Syed Ali Jafar <i>et al.</i> , "Optimal Rate and Power Adaptation for Multirate CDMA," <i>IEEE</i> , pp. 994-1000 (2000).
	C4	Soon-Ghee Chua <i>et al.</i> , "Variable-Rate Variable-Power MQAM for Fading Channels," <i>IEEE</i> , pp. 815-819 (1996).
	C5	

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

